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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/985,880	11/06/2001	Andrew Hamilton	003636.0131	4508

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EXAMINER

VO, TED T

ART UNIT	PAPER NUMBER
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2192

DATE MAILED: 04/07/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/985,880

Applicant(s)

HAMILTON ET AL.

Examiner

Ted T. Vo

Art Unit

2192

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 09 November 2004.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-36 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-3, 13-15 and 25-27 is/are rejected.
- 7) ☒ Claim(s) 4-12, 16-24 and 28-36 is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____

DETAILED ACTION

1. This action is in response to the communications filed on 11/09//2004.

Claims 1-3, 13-15, and 24-27 are amended.

Claims 1-36 remain pending in the application.

Response to Amendment

2. Applicants' amendment and arguments have been fully considered. Applicant's arguments with respect to claims 1-36 (Amendment/Remarks filed on 11/09//04) have been considered but are moot in view of the new ground(s) of rejection.

The allowability of dependent Claims 3, 15 and 27 (now amended in independent forms) in the Office Action mailed date 08/11/2004 are withdrawn in view of the newly discovered reference(s). Accordingly, this action is non-final.

Rejections based on the newly cited reference(s) are given below.

Claim Rejections - 35 USC § 102

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(a) the invention was known or used by others in this country, or patented or described in a printed publication in this or a foreign country, before the invention thereof by the applicant for a patent.

Art Unit: 2192

4. Claims 1, 13, and 25 are rejected under 35 U.S.C. 102(a) as being anticipated by Okuda et al, "A Dynamic Flexible Grouping over CORBA-based Network and its Application to Mobil Computing, 3-2000 ACM.

Given the broadest reasonable interpretation of followed claims in light of the specification.

As per Claim 1: Okuda discloses,

"A method for executing application programs, comprising:

receiving at least one application program in a in a mobile wireless client device (See distributed objects, CORBA, or JAVA, Java applet shown and listed in section that received by an API as shown in Figure 2; see CLIENT 'mobile wireless client device' represented in CORBA-base network because this network support mobile device such as mobile phones/pagers (See section 2.2, item (5)));

activating said at least one application program in said mobile wireless client device (See Figure 2, Event scheduler, API, particularly see definition of CORBA API, section 3, the fourth bullet);

instantiating a run-time engine in said mobile wireless client device (See Figure 2, "Local DFG runtime");

and

executing said at least one application program by said run-time engine in said mobile wireless client device to create screen definitions at run-time (See Figure 2, the DFG Runtime are incorporated with Java API, and see section 3, the tenth bullet, 'DFG system can support Netscape Navigator and Microsoft Internet Explorer are screen definitions at run-time);

where a manufacture of said mobile wireless device offers a software development kit that creates screen definitions at compile time (CORBA, Netscape or Microsoft has means of manufacture of mobile wireless device, where Netscape or Microsoft is known for offering a software development kit).

As per Claims 13 and 25: Claims 13 and 25 have the limitation corresponding to functionality performed by the method of Claim 1. Claims 13 and 25 are rejected in the same reason set forth in connecting to the rejection of Claim 1.

Claim Rejections - 35 USC § 103

5. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

A person shall be entitled to a patent unless –

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

6. Claims 2-3, 14-15, 26-27 are rejected under 35 U.S.C. 103(a) as being unpatentable over Microsoft.com (hereinafter: Microsoft), "The Windows® CE SDK- The Tools You Need to Program the Handheld PC", Microsoft Systems Journal, 4-1997.

Given the broadest reasonable interpretation of followed claims in light of the specification:

As per Claim 2:

-Okuda does not disclose the limitation recited in Claim 2.

-Microsoft discloses, *registering said at least one application program with an operating system of said client device; and displaying an icon configured to represent said at least one application program in response to said registration*" as providing a remote registry editor in a CE window (See Figure 5).

Okuda suggests such combination because they show a Client; simply a Client is a standard mobile computer and a computer is always installed with a WINDOW operating system such as Window CE.

-Therefore, it would be obvious to ordinary in the art to incorporate the Client browser as shown in Figure 2 of Okuda, with an a Windows CE operating system provided with a remote registry editor that would display icons configured to represent at least one application program in response to configuration

Art Unit: 2192

of the registry. Doing so would conform to requirement of a standard window operating system for registering a program before participating an operation.

As per Claims 14 and 26: Claims 14 and 26 have the limitation corresponding to functionality performed by the method of Claim 2. Claims 14 and 26 are rejected in the same reason set forth in connecting to the rejection of Claim 2.

As per Claim 3:

-Okuda discloses,

"A method for executing application programs, comprising:

receiving at least one application program in a client device;

activating said at least one application program;

instantiating a run-time engine;

executing said at least one application program by said run-time engine (See Rationale in Claim 1);

Okuda discloses, "executing a GO method by said run-time engine (See "Java API" in Figure 2. See page 694, section 3, fifth bullet, 'invoking function').

-Okuda does not disclose the limitation recited in Claim 2.

-Microsoft discloses, *registering a process identification corresponding to said activated said at least one application program*" as providing a remote registry editor in a CE window (See Figure 5).

Okuda suggests such combination because they show a Client; simply a Client is a standard mobile computer and a computer is always installed with a WINDOW operating system such as Window CE.

-Therefore, it would be obvious to ordinary in the art to incorporate the Client browser as shown in Figure 2 of Okuda, with an a Windows CE operating system provided with a remote registry editor that would display icons configured to represent at least one application program in response to configuration of the registry. Doing so would conform to requirement of a standard window operating system for registering a program before participating an operation.

As per Claims 15 and 27: Claims 15 and 27 have the limitation corresponding to functionality performed by the method of Claim 3. Claims 15 and 25 are rejected in the same reason set forth in connecting to the rejection of Claim 3.

Allowable Subject Matter

7. Allowable subject matter of Claims 4-12, 16-24, and 28-36

As per Claims 4, 16 and 28:

Claims 4, 16 and 28 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Prior arts of record, Okuda and Microsoft, and cited prior arts of record, alone or in combination, do not disclose, *"initializing at least one of the following of a jump table, a database*

table, a screen, and a variable;

setting a current screen identification to a first screen; and

testing said current screen identification." as recited in Claim 4 and in such manner in Claims 16 and 28.

As per Claims 5-12, 17-24, and 29-36: Claims 4-12, 16-24, and 29-36 are objected to because the claims are depended on Claims 4, 16, and 28 respectively, which are objected to as above.

Conclusion

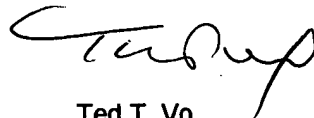
8. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Ted T. Vo whose telephone number is (571) 272-3706. The examiner can normally be reached on 8:00AM to 5:30PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Tuan Q. Dam can be reached on (571) 272-3694. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Any inquiry of a general nature or relating to the status of this application should be directed to the TC 2100 Group receptionist: 571-272-2100. Information regarding the status of an application may

Art Unit: 2192

be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



Ted T. Vo
Patent Examiner
Art Unit 2192
March 21, 2005